

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[MD(SIDDHA) 0321]**

**MARCH 2021**

**Sub. Code: 3134**

**(OCTOBER 2020 EXAM SESSION)**

**M.D. (SIDDHA) DEGREE EXAMINATION**

**THIRD YEAR**

**BRANCH VII – PURA MARUTHUVAM & BRANCH VIII VARMA MARUTHUVAM**

**PAPER IV – ESSENTIALS IN ORTHOPAEDICS AND TRAUMATOLOGY**

***Q.P. Code : 323134***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Describe the various complications of fractures and describe fracture healing.
2. Explain Osteoarthritis of knee joint its causes, pathology, clinical features and Deformities caused by Osteoarthritis.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Avascular necrosis.
2. Juvenile Rheumatoid Arthritis.
3. Coxarthrosis.
4. Perthes disease.
5. Ganglion.
6. Recurrent dislocation of the patella.
7. Pathological fracture.
8. Fracture of the shaft of humerus.
9. Rupture of the Achilles tendon.
10. Carpel tunnel syndrome.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[MD(SIDDHA) 0822]**

**AUGUST 2022  
(MAY 2022 EXAM SESSION)**

**Sub. Code: 3134**

**M.D. (SIDDHA) DEGREE EXAMINATION  
THIRD YEAR - (For the candidates admitted from 2017-2018 onwards)  
BRANCH VII – PURA MARUTHUVAM  
BRANCH VIII VARMA MARUTHUVAM  
PAPER IV – ESSENTIALS IN ORTHOPAEDICS AND TRAUMATOLOGY**

***Q.P. Code : 323134***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain the etiology, stages of Pathology, Clinical Features, Diagnostic criteria, deformities, investigations and management of Rheumatoid arthritis.
2. Acute and chronic complications of fractures.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Write short notes on abnormal gaits.
2. Brief notes on Congenital Talipes Equinovarus deformity (CTEV).
3. Explain secondary hyper para thyroidism.
4. Discuss about cubitus valgus and cubitus varus.
5. Explain transient and permanent scoliosis.
6. Brief notes on ataxia.
7. Discuss monteggia fracture.
8. Discuss the management of paraplegia.
9. Explain torticollis.
10. Briefly explain Arnald chiari malformation.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[MD(SIDDHA) 1122]**

**NOVEMBER 2022  
(OCTOBER 2022 EXAM SESSION)**

**Sub. Code: 3134**

**M.D. (SIDDHA) DEGREE EXAMINATION  
THIRD YEAR - (For the candidates admitted from 2017-2018 onwards)  
BRANCH VII – PURA MARUTHUVAM  
BRANCH VIII VARMA MARUTHUVAM  
PAPER IV – ESSENTIALS IN ORTHOPAEDICS AND TRAUMATOLOGY**

***Q.P. Code : 323134***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Describe the etiopathogenesis, clinical features, investigations and complications of Ankylosing spondylitis.
2. Describe the clinical features, classification and complications of fractures of distal end of Humerus.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Spina bifida.
2. Gout.
3. Haemophilic Arthritis.
4. Osteochondritis dissecans.
5. Dupuytren's contracture.
6. Lumbar canal stenosis.
7. Factors influencing fracture healing.
8. Clavicle fracture.
9. Anterior cruciate ligament injury of knee joint.
10. Stump.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[MD(SIDDHA) 0823]**

**AUGUST 2023  
(MAY 2023 EXAM SESSION)**

**Sub. Code: 3134**

**M.D. (SIDDHA) DEGREE EXAMINATION  
THIRD YEAR - (For the candidates admitted from 2017-2018 onwards)  
BRANCH VII – PURA MARUTHUVAM  
BRANCH VIII VARMA MARUTHUVAM  
PAPER IV – ESSENTIALS IN ORTHOPAEDICS AND TRAUMATOLOGY**

***Q.P. Code: 323134***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain the different types and clinical features of fractures and its management by closed reduction.
2. Explain in detail about Gout and ankylosing spondylitis.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Scurvy.
2. Drug induced osteonecrosis.
3. Dupuytren's contracture.
4. Coxa vara.
5. Write short notes on Myasthenia gravis.
6. Discuss the following:
  - i) Side-Swipe fracture
  - ii) Jones Fracture
  - iii) Whiplash injury.
7. Paget's disease.
8. Recurrent dislocation of patella.
9. Osteosarcoma.
10. Acute volkmann's ischemia.

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[MD(SIDDHA) 0224]**

**FEBRUARY 2024  
(OCTOBER 2023 EXAM SESSION)**

**Sub. Code: 3134**

**M.D. (SIDDHA) DEGREE EXAMINATION  
THIRD YEAR - (For the candidates admitted from 2017-2018 onwards)  
BRANCH VII – PURA MARUTHUVAM  
BRANCH VIII - VARMA MARUTHUVAM  
PAPER IV – ESSENTIALS IN ORTHOPAEDICS AND TRAUMATOLOGY**

***Q.P. Code: 323134***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain the etiology, pathology, clinical features, investigations, complications and management of degenerative joint disease of knee and spine.
2. Explain Rickets, Osteomalacia and Celiac rickets.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Osteoclastoma.
2. Sick cell anemia.
3. Dislocation of shoulder joint.
4. Military neck.
5. Battered baby syndrome.
6. Complications of fractures.
7. Colles and Smith fracture.
8. Upper and lower cervical injuries.
9. Cruciate ligament injuries.
10. Clavicle fracture.

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